

Interdisciplinary Graduate Program in Environmental Technology

In accordance with global needs of environmental and sustainable approach responding to environmental destruction, the program focuses on problem-solving through interdisciplinary collaboration. The curriculum focuses on new technology development considering ecological process and human needs.

Professor Introduction

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Curriculum

Course Code	Course Title	Credit
902.501	Special Topics in Atmospheric Environment	3-3-0
902.502	Special Topics on Water Pollution	3-3-0
902.503	Advanced Lecture in Ecology	3-3-0
902.504	Noise and Oscillation	3-3-0
902.505	Environmental Microbiology	3-3-0
902.506	Theory of Urban Open Space	3-3-0
902.507	Waste Production	3-3-0
902.508	Marine Ecological Environment	3-3-0
902.509	Advanced Satellite Oceanography	3-3-0
902.601	Environmental Ecology	3-3-0
902.602	Environmental Microbiology	3-3-0
902.603	Water Pollution	3-3-0
902.604	Microbiological Water Purification	3-3-0
902.605	Biological Impact Assessment	3-3-0
902.606	Marine Environment	3-3-0
902.607	Special Topics in Ocean Circulation Modelling	3-3-0
902.608	Atmosphere and Ocean Interaction	3-3-0
902.609	Microclimatology	3-3-0
902.610	Advanced Micrometeorology	3-3-0
902.611	Air Pollution Modelling	3-3-0
902.612	Air Pollution Meteorology	3-3-0
902.613	Air Pollution Analysis & Estimation	3-3-0
902.614	Special Topics in Atmospheric Environmental Asse	3-3-0
902.615	Special Topics in Atmospheric Photochemistry	3-3-0
902.616	Indoor Pollution	3-3-0
902.617	Air Pollution Control	3-3-0
902.618	Special Topics in Remote Sensing	3-3-0
902.619	Special Topics in Ralar Meteorology	3-3-0
902.620	Special Topics in Dynamic Meteorology	3-3-0
902.621	Special Topics in climate Change	3-3-0
902.622	Advanced Microclimatology	3-3-0
902.623	Advanced Specail in Meteorology Modelling	3-3-0
902.624	Advanced Air Plooution Meteorology	3-3-0

902.625	Advanced Biological Meteorology	3-3-0
902.626	Advanced Marine Microbiology	3-3-0
902.627	Food Toxicology	3-3-0
902.628	Advanced Environmental Biochemistry	3-3-0
902.629	Aquaculture Feed	3-3-0
902.630	Seafeed Resources	3-3-0
902.631	Advanced Food Organisms	3-3-0
902.632	Public Sanitary Microbiology	3-3-0
902.633	Advanced Marine Ecology	3-3-0
902.634	Marine Ranching	3-3-0
902.635	Advanced Fisheries Resources	3-3-0
902.636	Food Processing Environment	3-3-0
902.637	Genetic Mutation Food	3-3-0
902.638	Environmentology	3-3-0
902.639	Food Wastewater Treating	3-3-0
902.640	Environmental Genetic Biochemistry	3-3-0
902.641	Advanced Soil Microbiology	3-3-0
902.642	Advanced Agricultural Chemicals	3-3-0
902.643	Plant Disease Epidemiology	3-3-0
902.644	Physiology of Floriculture	3-3-0
902.645	Environmental control for Flower Production	3-3-0
902.646	Advanced Flowering control in Floriculture	3-3-0
902.647	Environmental Control for Postharvest	3-3-0
902.648	Advanced PLant Growth Regulators	3-3-0
902.649	Postharvest Quality of Horticultural Crops	3-3-0
902.650	Physiology of Vegetable Crops	3-3-0
902.651	Seed Physiology and Ecology	3-3-0
902.652	Environmental Stress Physiology	3-3-0
902.653	Advanced Experimental Statistics	3-3-0
902.654	Environmental Plant Genetics and Breeding	3-3-0
902.655	Environmental PLant Biotechnology	3-3-0
902.656	Theory of Urban Open Space	3-3-0
902.657	Theory of Nature Park	3-3-0
902.658	Modern Landscape	3-3-0
902.659	Landscape Materials	3-3-0
902.660	Ecological Planning	3-3-0
902.661	Advanced Landscape Architectural Design	3-3-0
902.662	Theory of Townscape	3-3-0
902.663	Urban Park Planning	3-3-0
902.664	Cultural Studies of Urban Space	3-3-0

Course Code	Course Title	Credit
902.665	Advanced Planting Materials	3-3-0
902.666	Studies in Culture Park	3-3-0
902.667	Methods of Planting Design	3-3-0
902.668	Environment Impact Assessment	3-3-0
902.669	Theory of Environmental Conservation	3-3-0
902.670	Tourism Resource Development	3-3-0
902.671	Resort Planning	3-3-0
902.672	Engineering Acoustics	3-3-0
902.673	Computational Fluid Dynamics	3-3-0
902.674	Vibration	3-3-0
902.675	Energy and Environment	3-3-0
902.676	Environmental Analytical Chemistry	3-3-0
902.677	Instrumental Analysis of Environmental Science	3-3-0
902.678	Advanced Water Quality Analysis	3-3-0
902.679	Special Techniques for Environmental Analysis	3-3-0
902.680	Nitrogen and Phosphorus Removal	3-3-0
902.681	Techniques in Trace Pollutants Analysis	3-3-0
902.682	Pollutant Analysis and Evaluation	3-3-0
902.683	Advanced Environmental Organic Chemistry	3-3-0
902.684	Hazardous Waste Management	3-3-0
902.685	Treatment of Industrial Wastewater	3-3-0
902.686	Treatment of General Wastewater	3-3-0
902.687	Advanced Environmental Materials	3-3-0
902.688	Environmental Catalysis	3-3-0
902.689	Clean Chemical Process	3-3-0
902.690	Solid Liquid Separation	3-3-0
902.691	Sludge Treatment and Disposal	3-3-0
902.692	Stream Water Quality Models	3-3-0
902.693	Advanced Water and Wastewater Treatment Process	3-3-0
902.694	Biological Treatment for Wastewater	3-3-0
902.695	Advanced Environmental Chemistry	3-3-0
902.696	Environmental Hydraulics	3-3-0
902.697	River Environmental Engineering	3-3-0
902.698	Wastewater Treatment Engineering	3-3-0
902.699	Water Treatment Engineering	3-3-0

902.700	Turbulent Diffusion in Open-Channel Flows	3-3-0
902.701	Ecohydraulics	3-3-0
902.702	Special Topics of Aquatic Environment	3-3-0
902.703	Recycling of Waster Materials	3-3-0
902.704	Geoenvironmental Engineering	3-3-0